

ADDITIONAL SHEET

CCR#: 05-0115

Rev:

Originator: Alex Schuster

Telephone: 301-925-0519

Office: COTS SW

Title of Change: Install JDOM 1.0/Xerces 2.6.0 in EDF, VATC and PVC

DRAFT

This delivery contains JDOM 1.0, a change to the COTS software baseline for JDOM on External Server machines at LP DAAC, VATC, and PVC. It consists of the following tar file:

<u>Tar file</u>	<u>Checksum</u>	<u>Size</u>
jdom-1.0.tar.gz	1963118604	3571788

This COTS TE contributes to fixing the following NCRs:

NCR Number	Subsystem	Sev	State	Site	Description
ECSed39084	OPS_COTS	2	T	LP DAAC	ASTER DAR Tool should support the current version of Java Plug-in
ECSed42034	OPS_CLS	2	T	LP DAAC	ASTER DAR Tool Needs to Support Current Version of Java

JDOM 1.0 is to be installed on the following machines:

- f2ins02
- f3ins02
- f2acs01
- f3acs01
- f2acg01
- f3acg01
- solara
- t1ins02
- t1acs06
- t1acg04
- e0ins01
- p2ins02
- p2acs06
- p0acg05

INSTALLATION INSTRUCTIONS for JDOM 1.0 for Unix

Prerequisites

Estimated installation time: 15 minutes for a novice operator

Uninstall Instructions

None

Installation Instructions

As root, follow the instructions below to install JDOM 1.0.

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(1) Copy the JDOM tar file to the /usr/ecs/OPS/COTS directory and decompress it:

```
# cd /usr/ecs/OPS/COTS
# cp /<distribution_path>/jdom-1.0.tar.gz .
# gunzip -c jdom-1.0.tar.gz | tar xvf -
# chown -R root:root jdom-1.0
```

(2) Remove the tarfile.

```
# rm -rf jdom-1.0.tar.gz
```

Caution: PERFORM THE FOLLOWING STEPS WHEN NOTIFIED BY LAB LEADS.

(3) Switch the “jdom” softlink under /usr/ecs/OPS/COTS.

```
# rm jdom
# ln -s jdom-1.0 jdom ↵
```

(4) Remove JDOM Beta 8.

```
# pkgrm EC8jdomb8x1c
```

Custom Code Integration

To re-configure JDT to find JDOM 1.0, modify file /usr/ecs/<mode>/CUSTOM/jdt/bin/start_jess as follows:

(1) Before JDT has transitioned to OPS mode::

```
JDOM_JAR = /usr/ecs/OPS/COTS/jdom-1.0/build/jdom.jar
```

(2) After JDT has transitioned to OPS mode and the “jdom” softlink under /usr/ecs/OPS/COTS has been switched:

```
JDOM_JAR = /usr/ecs/OPS/COTS/jdom/build/jdom.jar
```

Interrogation Checkout

For version and path installation verification, use the following command.

```
# /usr/bin/cksum /usr/ecs/OPS/COTS/jdom-1.0/build/jdom.jar |
awk '{print $1}' ↵
```

The checksum return string should be:

```
1060209036
```

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Back-Out Instructions

To back out this installation:

1. Remove directory /usr/ecs/OPS/COTS/jdom-1.0.

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Test Procedures

JDT can be tested by bring up a JDT Web Page.

Test Results

Tests of JDT with JDOM 1.0/Xerces 2.6.0 have not been completed in the VATC or PVC. Integration tests were performed successfully by the JDT responsible engineer in the EDF's functionality lab.